

E. F. DARTNELL,

Building Supplies, &c.

180 St. James Street, - - MONTREAL, Can.

BELL TELEPHONE MAIN 2382.

A. B. C. CODE, 4th EDITION, USED.

FINE BUILDING STONES

SEAM-FACE GRANITE

PRESSED BRICK

ORNAMENTAL TERRA COTTA

ENAMELLED BUILDING BRICK

COMMON BRICK

FLOOR AND ROOF TILES

PATENT GLASS WALL TILES
MARBLE

R. I. W. DAMP RESISTING PAINT

WIRE LATHING

GRINDSTONES

TRANSLUCENT FABRIC

GRINDSTONES for Pulp Grinding

&c., &c., &c.

THE
PORTABLE GRAVITY CONCRETE MIXER.

(SEE INSIDE.)

THE PORTABLE GRAVITY CONCRETE MIXER

Weight about 500 pounds; No power used; No moving parts.

FRANK B. GILBRETH.

PATENTEE, (Sole Owner Canadian Patent.)

BOSTON.

NEW YORK.

LONDON.

Protected by Patents in all the Leading Countries.

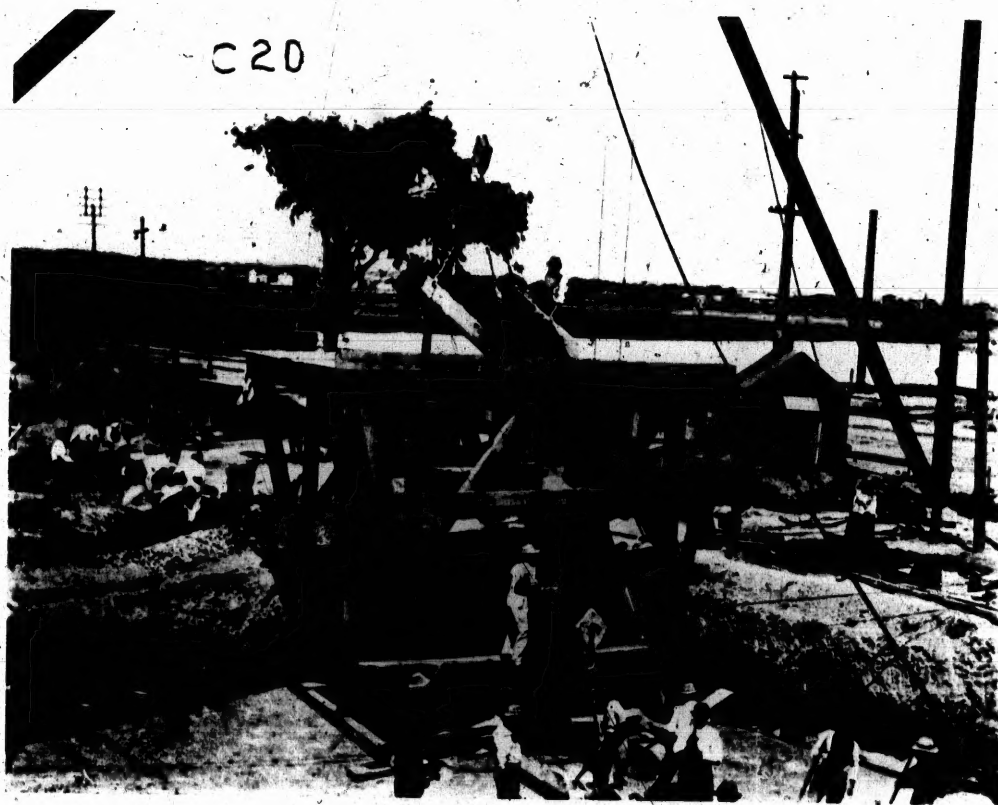
PATENTED IN CANADA 1900.

E. F. DARTNELL,

SALES AGENT FOR CANADA.

180 St. James St.,

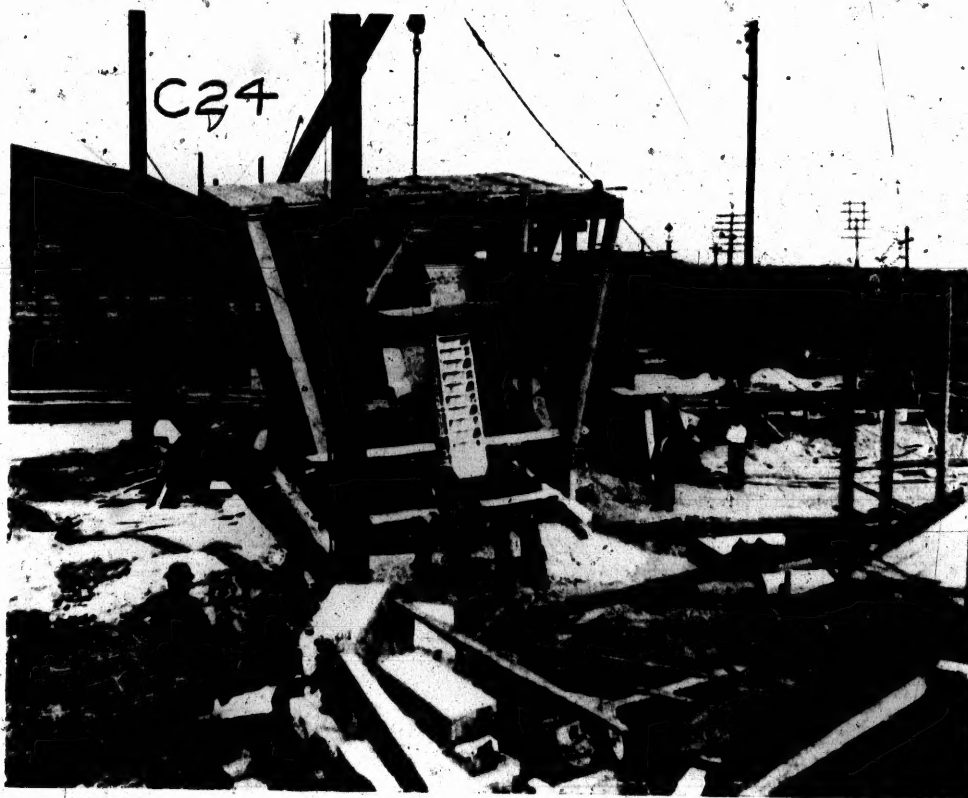
MONTREAL.



Cut (C. 20) showing Portable Platform set up, with Iron Scale Box feeding a Mixer 10 feet in length, and Concrete falling into a Derrick Box.

The Box, holding one cubic yard, is filled with broken stone, cement and sand placed in layers and then tipped into the Hopper of the Mixer. Average time of mixing a cubic yard when scale box is tipped—24 seconds.

Cut (C. 24) showing the Derrick in the foreground moving the Portable Platform, Concrete Mixer, Water Barrel and all. Where more than one derrick is employed on a job the platform, &c. can be passed from one to the other and placed anywhere within reach of the derrick arms.



The whole platform, weighing complete with Mixer about 4000 pounds, can be picked up bodily by the derrick, a chain going through the middle of platform at top and being attached underneath to one of the principal beams; this enables the Mixer and Platform to be swung wherever desired with but a few minutes interruption of its work.

This Portable Platform is of great use where large masses of Concrete are being laid, as the Platform can be moved from place to place at a much less cost and more speedily than concrete can be handled.

THE ONLY POWER EMPLOYED IN MIXING IS GRAVITATION.

Vol. 12

GILBRETH'S Accurate Measurer and Feeder.

F. B. GILBRETH, - Inventor.

Patents in all Leading Countries.

For use with Concrete Mixers, supplying the aggregates (Stone, Sand, Cement and Water) in absolutely correct proportions without the use of a measuring box. This Feeder in connection with the **Portable Gravity Concrete Mixer**, can turn out 60 to 100 yards of concrete per hour, continuously, provided the bins are kept sufficiently full of materials, the force of gravity doing all the rest, i.e., measuring and delivering the materials accurately and without interruption from clogging, arching, or any other cause. The apparatus is easily operated by one unskilled workman.

The output is limited only by the capacity of the type of Mixer used in connection with it. If necessary the **Portable Gravity Concrete Mixer** can be furnished of an extra size to give a capacity up to, and over 200 yards per hour.

PARTICULARS ON APPLICATION.

E. F. DARTNELL,
180 St. James Street, - - MONTREAL.

SOLE AGENT FOR CANADA.

